Electric Utility Design Standards Manual
Adopted March 24, 2026

1. The proposed path of any underground electric utility facility shall be subject to approval by the Director of Community Development in accordance with the standards set forth in accordance with Elk Grove Village Code of Ordinances Section 8-8-9, *et seq.* ("**Code**"), and this Electric Utility Design Standards Manual ("**Manual**"), all as amended. All terms used but not defined in this Manual shall have the same meaning as used in the Code.

2. The Village will, within a reasonable time after receiving a complete permit application, notify the applicant of additional costs associated with the underground electric utility facility.

3. Electric utility facility duct packages shall consider future development and be able to support multiple customers/ end-users.

4. Coordination with impacted entities, including, without limitation, the Illinois Department of Transportation, the Cook County Department of Transportation and Highways, and any private property owner will be the responsibility of the applicant.

5. Duct packages are not permitted to be placed under the roadway unless the Director of Community Development determines that it is not feasible from a design perspective to place the package in the parkway or public utility easement. When determining feasibility, the Director of Community Development will consider existing utilities located in the right of way, spacing requirements between utilities, the right of way's current condition, the Village's plans for future right of way improvements, and other physical and infrastructure conditions associated with the right of way as reasonably deemed relevant by the Director of Community Development.

6. It is the Village's policy to support the placement of two or more electric utility facility duct packages within a single roadway corridor. As such, the following order of preference shall apply:

A. Whenever possible, the electric utility facility duct package shall be placed in a public utility easement or the parkway.

B. If no existing space is available in the parkway or public utility easement, and the water main is deemed eligible for relocation, as determined by the Director of Community Development, the applicant shall pay the fee required to relocate the Village water main, and then shall locate the duct package in the location of the abandoned Village water main.

C. If an electric utility facility duct package already exists running parallel in a roadway corridor, and the Director of Community Development determines, in accordance with Manual Section 5, that it is not feasible from a design perspective to place an electric utility facility duct package in a public utility easement or in the parkway, only then may the duct package be located under the roadway. In such case, the Director of Community Development may modify the proposed path to another roadway, taking into account the age and condition of the pavement, the Village's infrastructure

improvement plans, and the need to ensure viability of future anticipated utility paths. The duct package shall be placed on the opposite side of the road from the Village water main. The half of the roadway adjacent to Village water main shall be reserved for future water main replacement.

7. Electric utility duct packages, including any installation of more than one electric line, shall be installed eight feet (8') deep at a minimum; provided, however, that a single electric line may be installed at a minimum depth of thirty inches (30").

8. Manhole lids allowing access to underground electric utility facilities shall be located outside of the anticipated wheel path of traffic.

9. Minimum roadway repair shall include replacement of curb and gutter and aprons, resurfacing of roadway pavement from curb to curb the entire limits of the block including pavement through the intersections. All work shall be performed by applicant and at the applicant's sole cost in accordance with current Village Construction Standards and Details, available on the Village's website, and standards provided within the Elk Grove Village Code of Ordinances, including but not limited to Section 8-8A-3B, 8-8A-3C. The Village, at their sole discretion, may require sidewalk/sidepath installation and/or replacement on the same side of the right of way as the utility improvements.

10. Duct packages that are being installed under the roadway to facilitate a perpendicular crossing of such roadway shall be completed by directional boring.

11. Open cutting shall only be permitted for duct packages that are being installed under the roadway running parallel in a roadway corridor. The construction of perpendicular roadway crossings for such duct packages shall be conducted in a manner in which two-way traffic will be maintained. Necessary Maintenance of Traffic (MOT) plans will be required to be submitted for review and approval by the Director of Community Development.

12. Utility Fees

a. The applicant shall pay for all construction related to the duct package installations and restoration.

b. The applicant shall pay the Village the actual costs for the Village to relocate its water main to the roadway, which is currently estimated as $1,000 per linear foot.

c. Applicants which are not public utilities as so defined by the Illinois Public Utilities Act (220 ILCS 5 *et. seq.*) with electric demand at or exceeding 20 MW ("Large Load Customers") shall pay the Village a fee of $500 per linear foot for the right to install a duct package running parallel underneath the roadway to serve their facility. This fee shall not apply for duct packages that are being installed by directional boring under the roadway for a perpendicular crossing only.

d. Large Load Customers shall be required to pay any costs to meet the standards specified in this manual, including, but not limited to, the costs associated with construction of facilities and

minimum roadway repair requirements that are deemed non-standard by the electric utility providing electric service in accordance with Illinois Commerce Commission (ICC) requirements.

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